



Fulfils your dreams
about peaceful
and quiet area



www.weldon.pl

Noise
barriers



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About us



- we have been active on the market for over 15 years,
- we produce: steel structures, acoustic barriers, hall structures, energy poles, modular buildings,
- we are the leader in the production of acoustic barriers and modular buildings on the Polish market,
- we have 3 production plants, a paint room, and a hot-dip galvanizing plant,
- we employ more than 350 workers,
- we have already produced over 600 thousand m² of acoustic panels and 15 thousand container modular buildings,
- our production capacity is 75 000 m² of acoustic panels per month.

The production of the offered acoustic screens of Green Wall WELDON provides the meeting of the most complex design criteria.

It is a unique solution to effectively cut off protected places from motor vehicle and/or rail traffic and the noise of industrial plants. An invaluable advantage of the offered panel is the application of materials which **enable it to be overgrown by climbing plants.**

A barrier overgrown by plants significantly improves the landscape and matches the surrounding area in a natural way. Such a solution is a perfect barrier against dust and noise.

The offered solution features high parameters of noise reduction, confirmed with acoustic tests performed in ITB in Warsaw and the Technical Approval, which specifies technical parameters for particular panels, issued by IBDiM in Warsaw. (AT/2011-02-2743, AT/2012-02-2861).

We have the CE mark certified by the TSUS report - **Building Testing and Research Institute In Bratislava.**



Acoustic parameters of panels



Green Wall Weldon acoustic panels are designed to protect humans and animals against harmful noise coming from road and/or rail transport or industri-

al activities. We have 4 types of panels of different acoustic parameters.

Advantages

- high acoustic parameters,
- modularity of the system,
- high durability and strength,
- basic colour of façade material – green; other colours available on customer request,
- structure allowing panels to be overgrown by plants,
- frames of acoustic barriers are protected against corrosion by galvanizing; they can be also protected by the varnish coating in any RAL colour,
- there is a possibility to make the Weldon-2 panel with a frame of 50x4 angle bar.

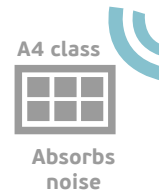


Our acoustic panel passed all the necessary tests, resulting in affixing CE marking to it.



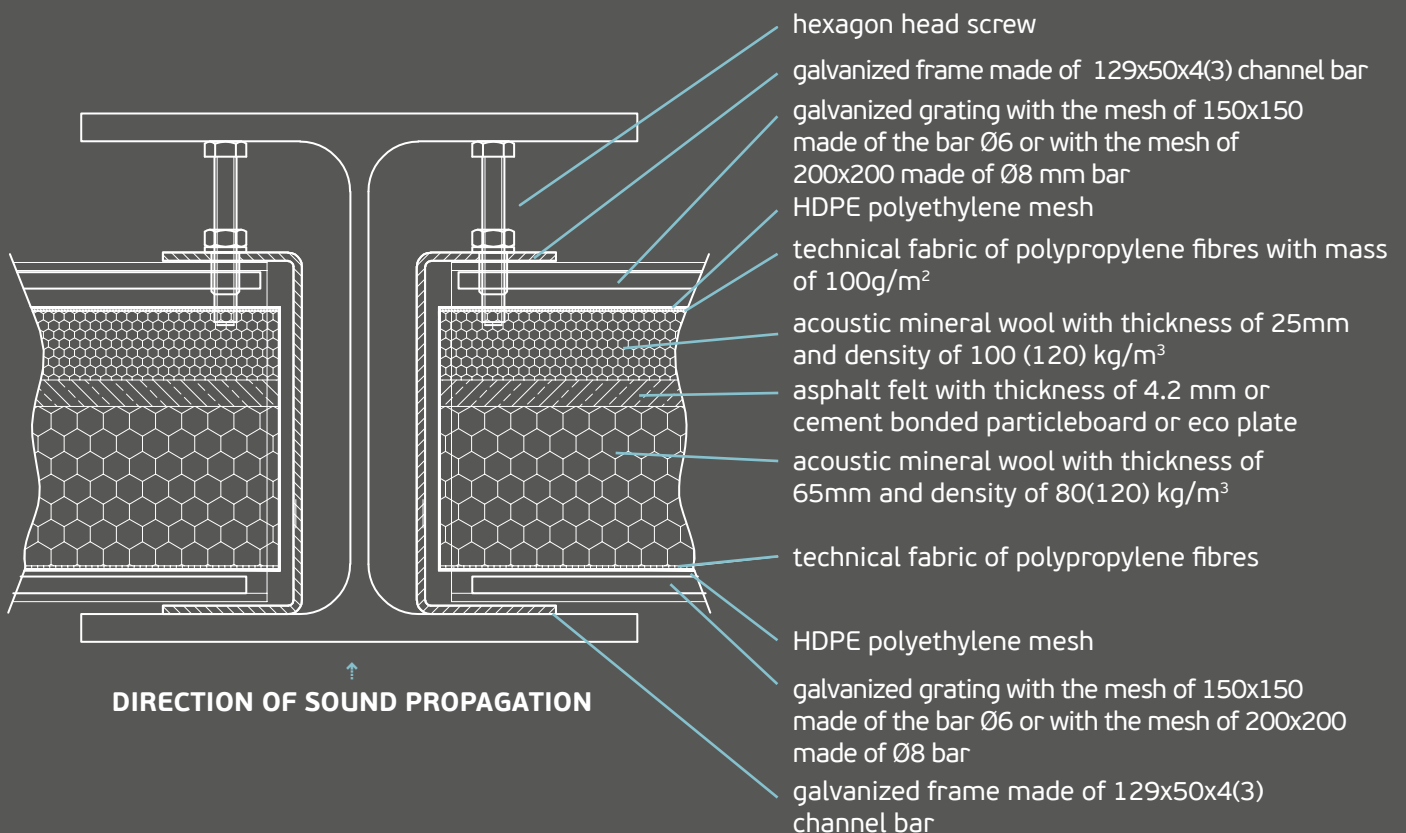
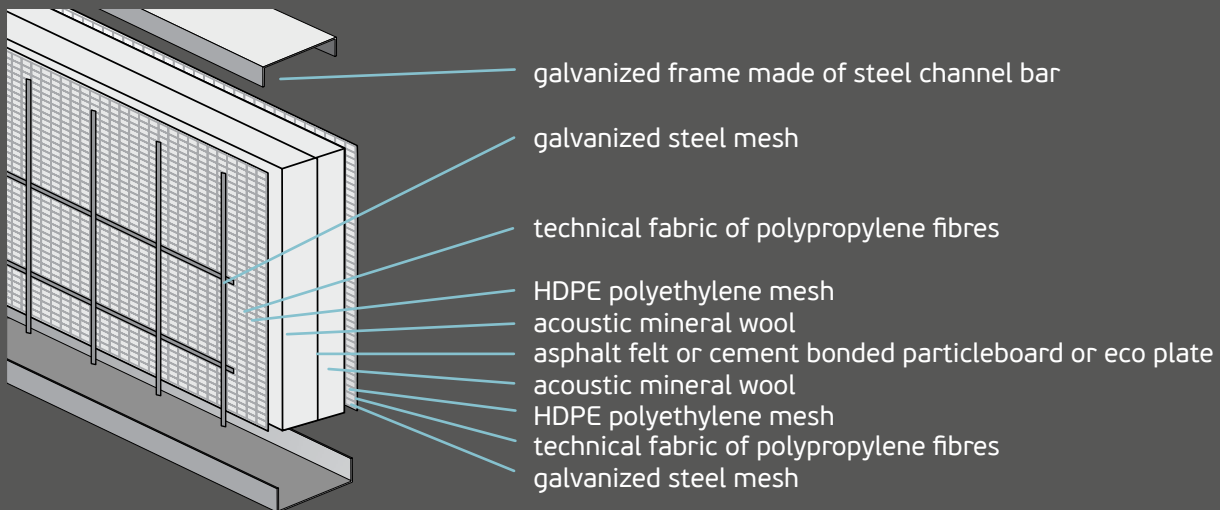
Specification of panels

- corrosion resistance (galvanized structure),
- high durability – a minimum of 15 years,
- UV and discolouration of the material resistance – even up to 10 years,
- possibility of recycling of used materials,
- ecology: structure adapted to be overgrown by plants,
- thickness of 129mm (or 145mm),
- module height from 0.5 to 2 m,
- length up to 5m (or up to 6m).



GREEN WALL WELDON – thickness of 129 mm

Components of the acoustic panels:



Realized investments

Domestic and foreign

A4 motorway, Pustynia, Poland



A4 - Kraków - Tarnów, Poland



XII-2011-VI-2012	Highway A2 Stryków - Konotopa odc.D2	60 000,0 m ²
III-2012-X-2012	Highway A2 Stryków - Konotopa odc. C	60 000,0 m ²
X-2011-VIII-2012	Highway A4 Wierzchosławice - Krzyż	30 000,0 m ²
X-2012-XII-2012	Highway A4 Jarosław - Radymno	1 500,0 m ²
VIII-2012-VI-2013	Highway A4 Brzesko - Wierzchosławice	109 000,0 m ²
X-2013	Highway A4 Pustynia	1 700,0 m ²
X-2011-II-2012	Express road S1 Cieszyn	14 000,0 m ²
III-2012-XI-2012	Express road S7 Olsztynek - Nidzica	18 000,0 m ²
IX-2012-VII-2013	Express road S7 Kielce Chęciny	57 000,0 m ²
VI-2012-VII-2012	Express road S8 Wrocław - Oleśnica	1 200,0 m ²
I-2013-V-2013	Express road S17 Lublin	17 000,0 m ²
III-2013-V-2013	Express road S17 Świdnik Lublin	3 000,0 m ²
IX-2013-V-2014	Express road S17 Lublin 3,4.1, 4.2	30 000,0 m ²
VIII-2010-X-2010	Ringroad Pilzno	1 500,0 m ²
VI-2011-X-2011	East ringroad Kielce	23 000,0 m ²
VII-2012-VIII-2013	West ringroad Kielce	56 000,0 m ²
III-2013-V-2013	Ringroad Wojnicz	1 000,0 m ²
VIII-2013	Ringroad Tarnów	2 000,0 m ²
VIII-2013-IX-2013	Ringroad Leżajsk	2 500,0 m ²
XI-2013-I-2014	Ringroad Połaniec	3 800,0 m ²
VII-2013-V-2014	State road DK1 DK86 Tychy	57 000,0 m ²
XII-2011-III-2012	State road DK4 Pilzno - Machowa	2 000,0 m ²
XI-2012	State road Chmielnik-Osiek	1 300,0 m ²
VI-2011-IX-2011	State road DK Jaworzno	2 000,0 m ²
III-2010-VIII-2010	State road Warszawa al. Wilanowskie	2 700,0 m ²

Railway

IX-2013-X-2013	Railway Opole	3 200,0 m ²
V-2013-VI-2013	Railway Rzeszów Dębica	6 000,0 m ²
X-2012-XI-2012	Railway Miłkowice-Dobra	3 700,0 m ²

Export

IX-2012	Denmark	500,0 m ²
II-2012	Sweden Malmo	1 500,0 m ²
VIII-2012	Sweden Trelleborg	400,0 m ²
IX-2012	Sweden Kristinastad	1 100,0 m ²
I-2013-V-2013	Sweden Lerum	3 500,0 m ²
X-2013	Romania Complex Energetic Oltenia	700,0 m ²
X-2013-XII-2013	Belgium Drongen	10 000,0 m ²

Gallery of our realizations:

Lerum, Sweden



Drongen – railway line – Belgium



DK (national road) Tychy, Poland



A4 motorway, Poland



Our certificates

- Quality Management System **ISO 9001:2009**,
- Quality Management System **AQAP 2110:2009**,
- NATO Commercial and Government Entity CODE **NCAGE**: 2312H,
- Environmental Management System **ISO 14001:2005**,
- Health and Safety Management System according to **PN-N 18001:2004**,
- Quality Certificate **EN ISO 3834-2**,
- Qualification **Certificate of the Welding Institute in Gliwice (I Group of Large Plants)**,
- Employees with a degree of **International Welding Engineer**,
- Certificate of Factory Production Control for compliance with **EN 1090-1** (EXC3 class).



Production and assembly of acoustic panels

Mesh welding



Frame welding



Galvanizing elements



Assembly panels



**WELDON Sp. z o.o.**

39-102 Brzezówka 90A, Poland
NIP: 872-21-67-676

Phone no: +48 14 64 66 726
e-mail: export@weldon.pl

Galvanisation Plant Weldon

ul. Metalowców 25,
39-200 Dębica, Poland
Phone no: +48 14 670-48-15
www.ocynkownia.weldon.pl
e-mail: ocynkowania@weldon.pl

www.weldon.eu
www.stahlbau-weldon.de
www.weldon.pl
www.kontenery.weldon.pl
www.konstrukcje-stalowe.weldon.pl

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